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I certify that on **January 25, 2001**, which is the date I am signing this certificate, this correspondence and all listed attachments are being deposited with the United States Postal Service "Express Mail to Addressee," under 37 C.F.R. 1.10 in an envelope addressed to: Box PATENT APPLICATION, Assistant Commissioner of Patents, Washington, D.C. 20231.

Laurence J. Shaw

January 25, 2001
Date

PATENT
TIM-CCW-R

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the new

[X] non-provisional patent application under 35 U.S.C. § 111(a)
[ ] provisional patent application under 35 U.S.C. § 111(b)

of:

First Inventor: Xinhui Niu
Address of First Inventor: 1422 Birchmeadow Lane, San Jose, California, 95131
Citizenship of First Inventor: China (People's Republic of China)

Second Inventor: Nickhil Harshavardhan Jakatdar
Address of Second Inventor: 1226 Koi Terrace, Fremont, California 94536
Citizenship of Second Inventor: India

Title: CACHING OF INTRA-LAYER CALCULATIONS FOR RAPID RIGOROUS COUPLED-WAVE ANALYSES

The present application is based on provisional patent application
Serial No.: 60/178,910
Filed: January 26, 2000
By: the above-specified inventors
Entitled: Cached Coupled-Wave Method for Diffraction Grating Profile Analysis

Enclosed are:

[X] Specification, totalling 67 pages of text and 13 sheets of formal drawings
[X] Inventors' Declaration, ___ signed, X unsigned
[ ] Assignment of the invention to _____; including Assignment Cover sheet and Check No. ___ for $40.00
[ ] Power of Attorney

[X] Applicant claims Small Entity Status
[ ] _____

The filing fee has been calculated as shown below:

FOR:	CLAIMS FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE	STANDARD RATE	STANDARD FEE
NON-PROVISIONAL APPL. BASIC FEE				$355		$710
TOTAL CLAIMS	56	36	X $9 =	$324	X $18 =	
INDEPENDENT CLAIMS	10	7	X $40 =	$280	X $80 =	
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED			X $125 =	0	X $250 =	
			TOTAL	$959	TOTAL	

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[X] The Commissioner is hereby authorized to charge payment of any additional required fees associated with this communication or credit any overpayment to Deposit Account No. 19-1535. A duplicate copy of this sheet is enclosed.

[X] Return receipt postcard.

Respectfully submitted,

Date: January 25, 2001

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